James Philip Case

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Objective

To apply my skills as a computer scientist, and work with other people who are passionate about robotics.

Education

Fall 2002 – Spring 2006 **Georgia Institute of Technology**   Atlanta, GA

- B.S. in Computer Science with Highest Honors (3.64 GPA)
- Specialization in Intelligent Systems, and Graphics.
- Relevant coursework:
  - Intelligent Robotics and Perception
  - Advanced Mobile Robot Programming
  - Computer Vision
  - Cognitive Science

Experience

Fall 2004 - Present   **Georgia Institute of Technology**   Atlanta, GA
Research Assistant

- Currently working on a Java program which generates graphs of traversability for a robot given aerial images of an environment.
- Programmed Sony AIBO robots to chase a ball, play fetch, and play the Georgia Tech Fight song for the Dean of the College of Computing.
- Assisted professor Tucker Balch with a large team project involving visual tracking and behavior identification of honey bees.

Summer 2002, 2004   **Uzun and Case Engineers**   Atlanta, GA
Small Applications Developer, Systems Administrator

- Developed several applications to assist in structural calculations.
- Maintenance and troubleshooting of company computers.

Spring 2003   **Georgia Institute of Technology**   Atlanta, GA
Teaching Assistant

- Led Recitations of approximately 30 students for an object oriented programming course (taught in Java).
- Graded and administered tests.

Summer 1999   **ACE computer camp**   Berkeley, CA
Teacher in Training

- Taught teenagers programming skills in BASIC and C.

Skills

Java, C, C++, Matlab, Lisp, Linux, Eclipse IDE

References

Prof. Tucker Balch , Assistant Professor, Georgia Tech
     Tucker.Balch@cc.gatech.edu

More References upon request